

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A compressor comprising:

a cylinder block which has a cylinder bore to accommodate a piston;

a crank chamber which is provided at one end of the cylinder block;

a suction chamber and a discharge chamber that are provided at the other end of the cylinder block;

a valve that is provided between the cylinder bore and the suction chamber and between the cylinder bore and the discharge chamber;

a valve plate provided with the valve and having a suction hole to communicate between the cylinder bore and the suction chamber and a discharge hole to communicate between the cylinder bore and the discharge chamber;

a suction valve provided with the valve and assembled to the side of the cylinder bore of the valve plate, and the suction valve is comprised of a flexible plate to be able to open and close the suction hole;

a drive shaft that is rotatably and axially supported within the crank chamber to reciprocally actuate the piston; and

a valve structure in which the suction valve is formed with a suction valve main body and an opposing part,

wherein

the opposing part is integrally formed on the suction valve main body and faces the suction hole and a valve seat at the opening edge of the suction hole so as to be able to open and close the suction hole, and

a coating layer having a predetermined thickness is coated on at least one of the valve plate excluding the valve seat and the suction valve main body so as to form a predetermined clearance between the opposing part and the valve seat.

Claims 2 - 6 (Canceled).

7. (Previously Presented) The compressor according to claim 1, wherein the upper surface of the valve seat is chamfered or rounded.

Claims 8 - 11 (Canceled)

12. (Previously Presented) The compressor according to claim 1, wherein the valve plate includes a plurality of suction holes equally spaced on an outer periphery of the valve plate.

13. (Previously Presented) The compressor according to claim 1, wherein the coating layer comprises fluorine.

14. (New) The compressor according to claim 1, wherein the valve seat is provided at an opening edge of the suction hole.

15. (New) The compressor according to claim 1, wherein the valve seat is provided around the suction hole.

16. (New) The compressor according to claim 1, wherein the coating layer having a predetermined thickness is disposed between the opposing part and the valve seat to thereby form the predetermined clearance therebetween.

17. (New) The compressor according to claim 1, wherein the valve seat provides for a resting position for the valve in a closed state of the valve.